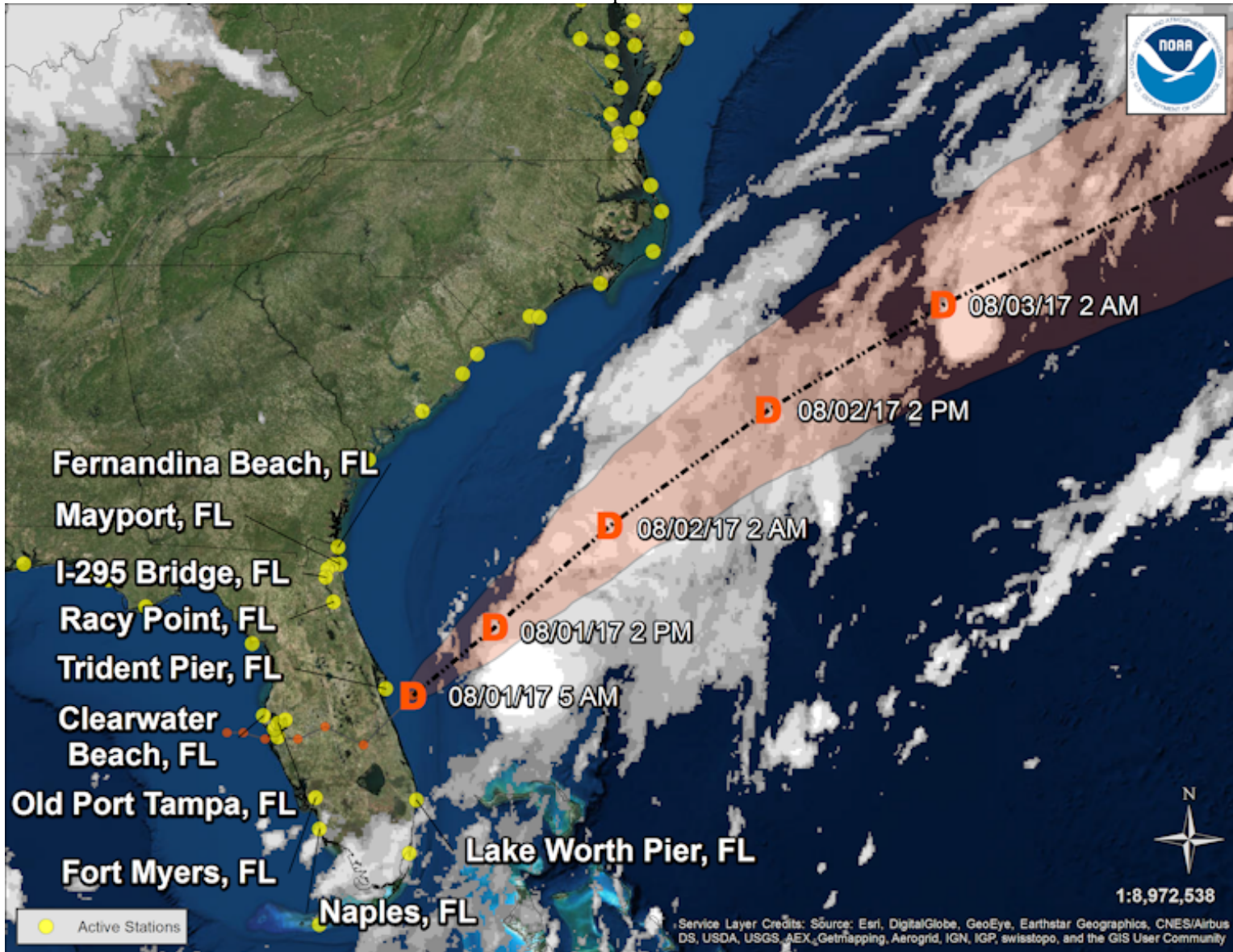




Tropical Depression EMILY QuickLook Posted: 06:00 EDT 08/01/2017

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 08/01/2017 06:00 EDT, water levels along the western coast of Florida from Naples to Clearwater Beach remain slightly elevated and range between 0.15 and 1.0 feet above normal tide levels. Along the east coast of Florida from Lake Worth Pier to Fernandina Beach, including St. Johns River, water levels have risen slightly and range from 0.4 to 1.1 feet above tidal predictions. Wind speeds along the eastern coast of Florida remain 15 knots or less with slightly higher gusts.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst:ADM

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

Tropical Depression Emily Advisory Number 6
NWS National Hurricane Center Miami FL
500 AM EDT Tue Aug 01 2017

...POORLY ORGANIZED EMILY MOVES OVER THE WESTERN ATLANTIC...

WATCHES AND WARNINGS

There are no coastal watches or warnings in effect.

DISCUSSION AND 48-HOUR OUTLOOK

At 500 AM EDT, the center of Tropical Depression Emily was located about 50 mi NNE of Vero Beach, Florida. The depression is moving toward the east-northeast near 12 mph. A turn toward the northeast with an increase in forward speed is expected today. On the forecast track, the center of Emily will move away from the east-central coast of Florida today and remain well off the southeast U.S. coast during the next couple of days.

Maximum sustained winds are near 30 mph with higher gusts. Some slight strengthening is possible during the day or so, but Emily is also forecast to lose its tropical characteristics within a day or two.

The estimated minimum central pressure is 1011 mb.

HAZARDS AFFECTING LAND

RAINFALL: Emily is expected to produce additional rainfall of 1 to 2 inches with isolated amounts up to 4 inches across portions of central and southern Florida.

NEXT ADVISORY

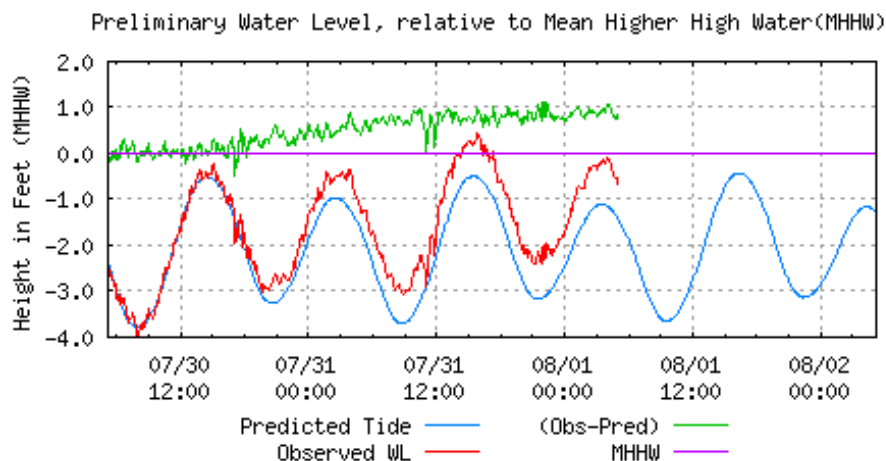
Next complete advisory at 1100 AM EDT.

\$\$
Forecaster Brown

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Trident Pier - Water Level](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#), [Racy Point, St Johns River - Water Level](#), [I-295 Bridge, St Johns River - Water Level](#), [I-295 Bridge, St Johns River - Winds](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Winds](#), [Fernandina Beach - Water Level](#), [Fernandina Beach - Winds](#), [Lake Worth Pier - Water Level](#), [Lake Worth Pier - Winds](#), [Naples - Water Level](#), [Naples - Winds](#), [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Old Port Tampa - Water Level](#), [Old Port Tampa - Winds](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#)

NOAA/NOS/CO-OPS 8721604 Trident Pier, FL



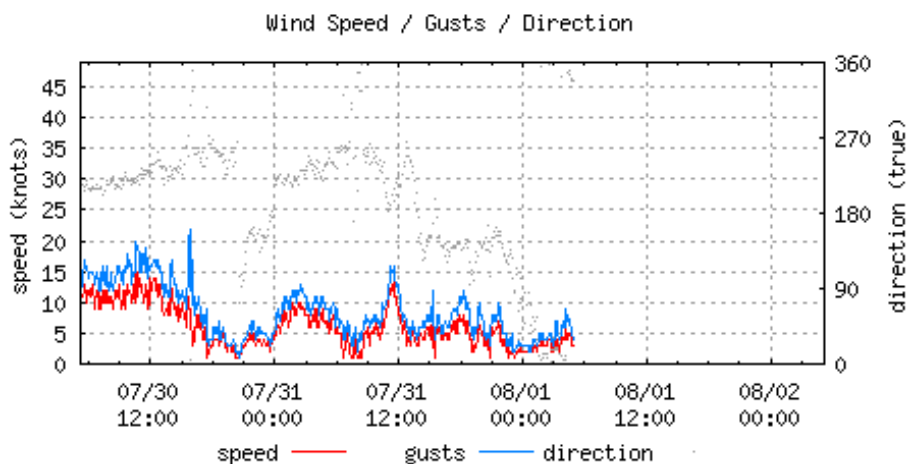
Last Observed Sample: 08/01/2017 05:06 (EDT). Data relative to MHHW

Observed: -0.65 ft. Predicted: -1.45 ft. Residual: 0.80 ft.

Historical Maximum Water Level: Sep 26 2004, 4.01 ft.

Next High Tide: 08/01/2017 16:20 (EDT), -0.44 ft.

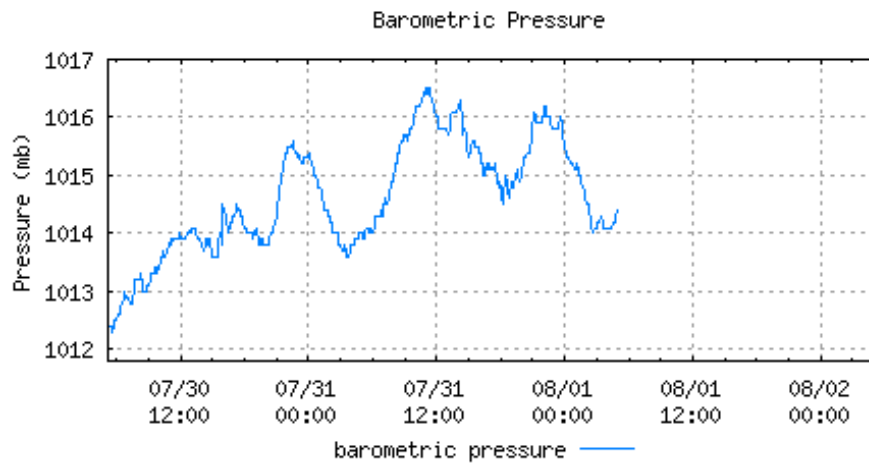
NOAA/NOS/CO-OPS 8721604 Trident Pier, FL



Last Observed Sample: 08/01/2017 05:06 (EDT)

Wind Speed: 3 knots Gusts: 4 knots Direction: 357° T

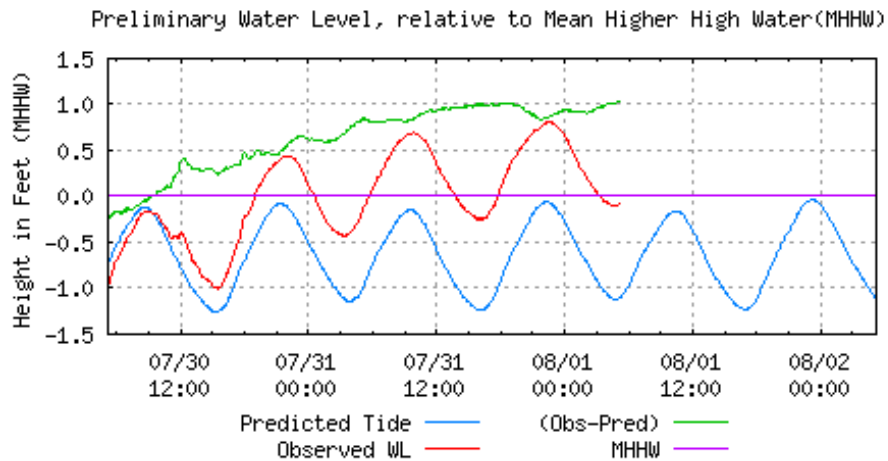
NOAA/NOS/CO-OPS 8721604 Trident Pier, FL



Last Observed Sample: 08/01/2017 05:06 (EDT)

Barometric Pressure: 1014.4 mb

NOAA/NOS/CO-OPS 8720625 Racy Point, St Johns River, FL



Last Observed Sample: 08/01/2017 05:06 (EDT). Data relative to MHHW

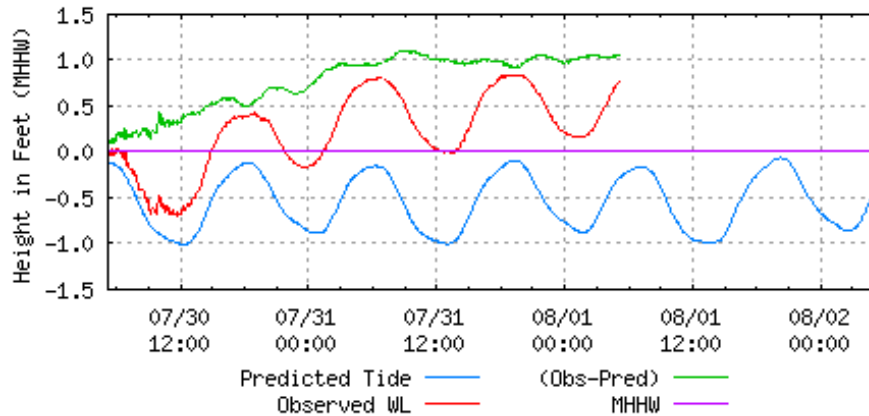
Observed: -0.08 ft. Predicted: -1.11 ft. Residual: 1.03 ft.

Historical Maximum Water Level: n/a

Next High Tide: 08/01/2017 10:25 (EDT), -0.16 ft.

NOAA/NOS/CO-OPS 8720357 I-295 Bridge, St Johns River, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 08/01/2017 05:06 (EDT). Data relative to MHHW

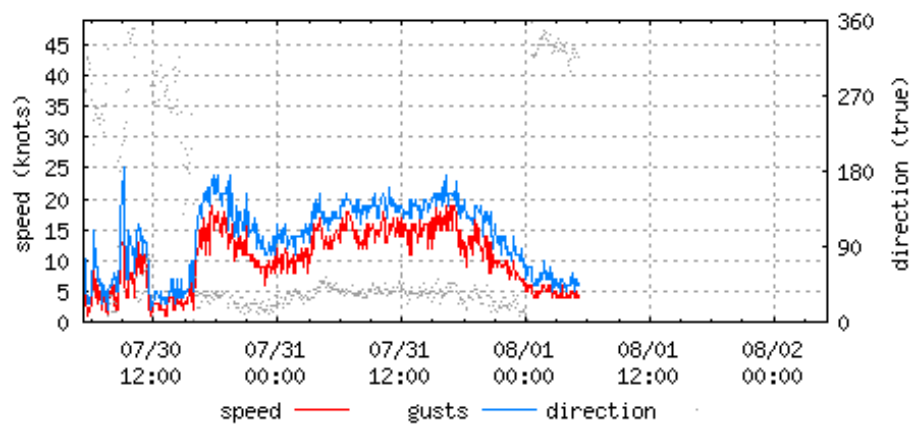
Observed: 0.77 ft. Predicted: -0.29 ft. Residual: 1.06 ft.

Historical Maximum Water Level: Sep 27 2004, 3.46 ft.

Next High Tide: 08/01/2017 07:13 (EDT), -0.17 ft.

NOAA/NOS/CO-OPS 8720357 I-295 Bridge, St Johns River, FL

Wind Speed / Gusts / Direction

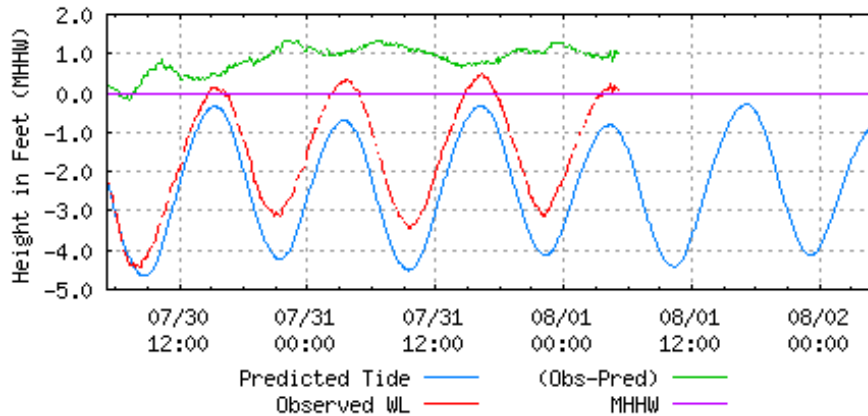


Last Observed Sample: 08/01/2017 05:12 (EDT)

Wind Speed: 5 knots Gusts: 7 knots Direction: 319° T

NOAA/NOS/CO-OPS 8720218 Mayport (Bar Pilots Dock), FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 08/01/2017 05:12 (EDT). Data relative to MHHW

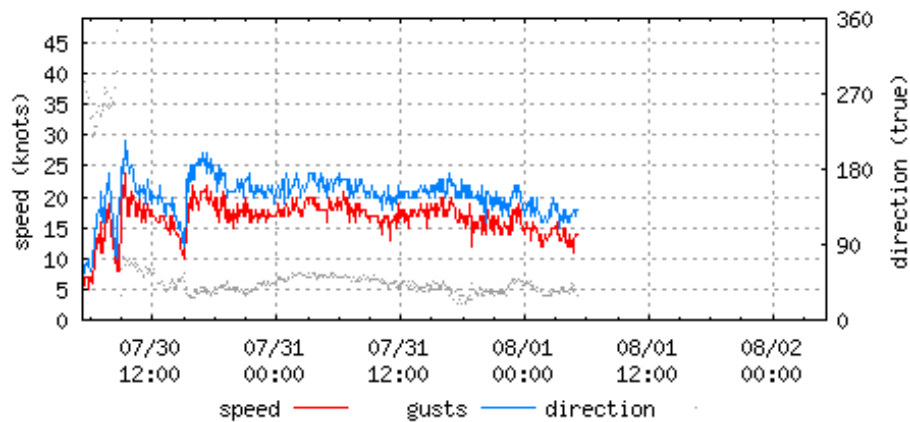
Observed: 0.05 ft. Predicted: -0.99 ft. Residual: 1.04 ft.

Historical Maximum Water Level: Oct 7 2016, 3.22 ft.

Next High Tide: 08/01/2017 17:08 (EDT), -0.28 ft.

NOAA/NOS/CO-OPS 8720218 Mayport (Bar Pilots Dock), FL

Wind Speed / Gusts / Direction

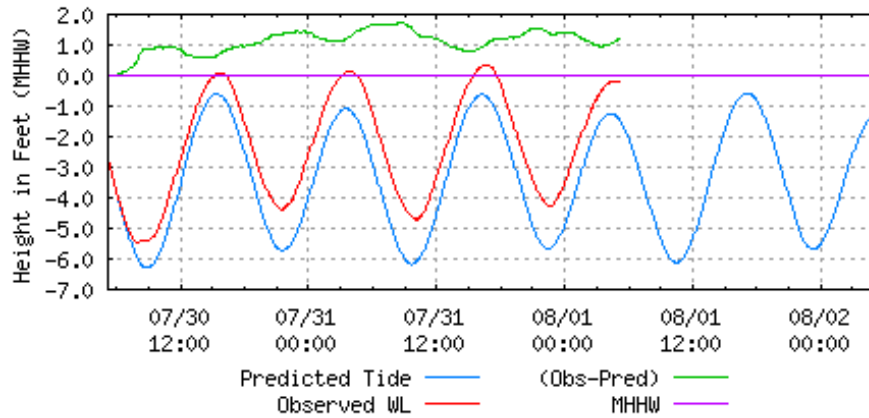


Last Observed Sample: 08/01/2017 05:12 (EDT)

Wind Speed: 13 knots Gusts: 15 knots Direction: 34° T

NOAA/NOS/CO-OPS 8720030 Fernandina Beach, FL

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 08/01/2017 05:12 (EDT). Data relative to MHHW

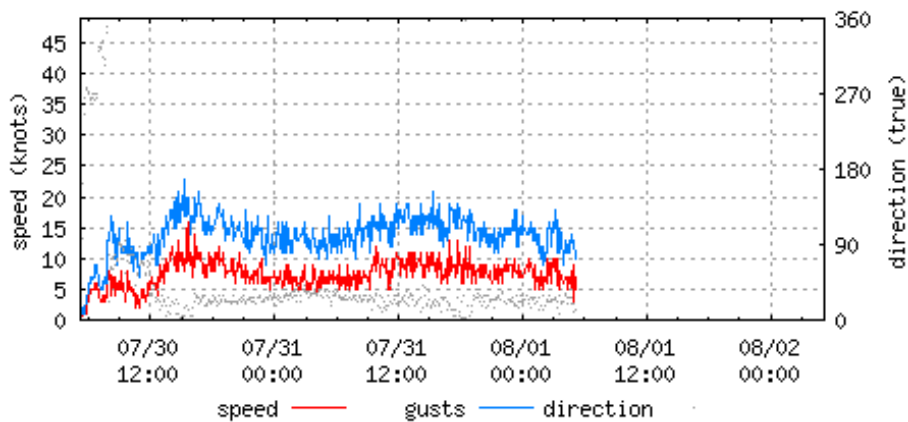
Observed: -0.24 ft. Predicted: -1.48 ft. Residual: 1.24 ft.

Historical Maximum Water Level: Oct 2 1898, 6.94 ft.

Next High Tide: 08/01/2017 17:07 (EDT), -0.57 ft.

NOAA/NOS/CO-OPS 8720030 Fernandina Beach, FL

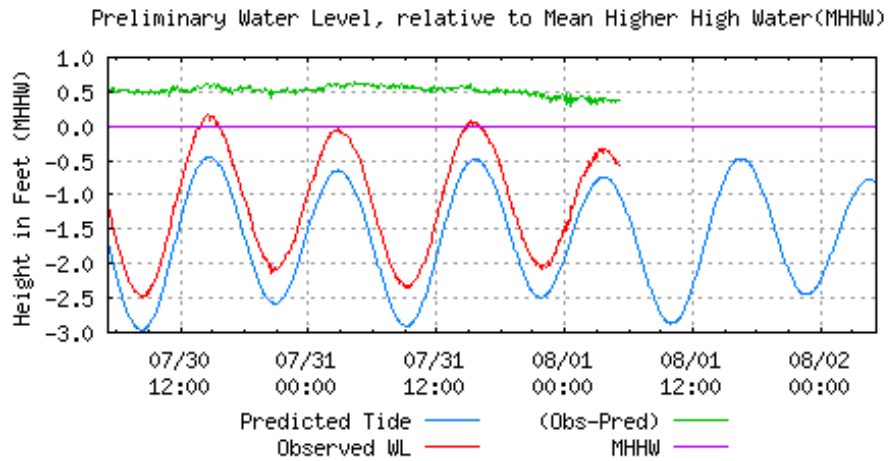
Wind Speed / Gusts / Direction



Last Observed Sample: 08/01/2017 05:12 (EDT)

Wind Speed: 7 knots Gusts: 12 knots Direction: 23° T

NOAA/NOS/CO-OPS 8722670 Lake Worth Pier, FL



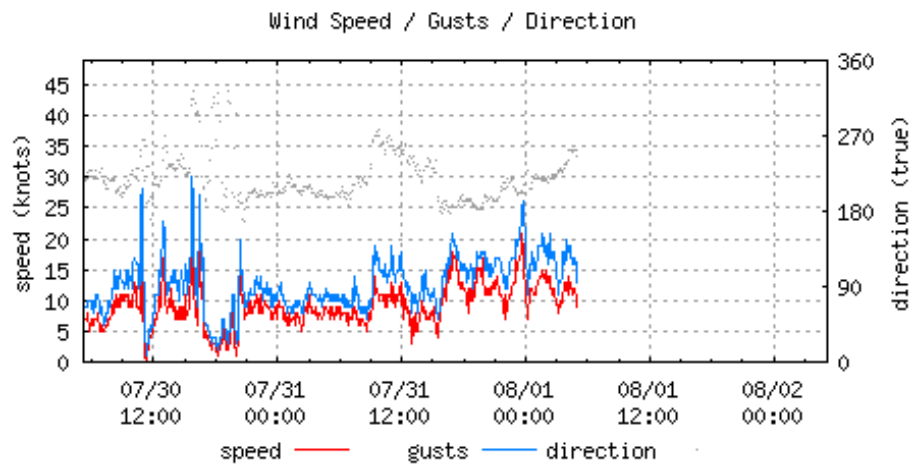
Last Observed Sample: 08/01/2017 05:12 (EDT). Data relative to MHHW

Observed: -0.62 ft. Predicted: -1.00 ft. Residual: 0.38 ft.

Historical Maximum Water Level: Oct 28 2012, 2.00 ft.

Next High Tide: 08/01/2017 16:32 (EDT), -0.47 ft.

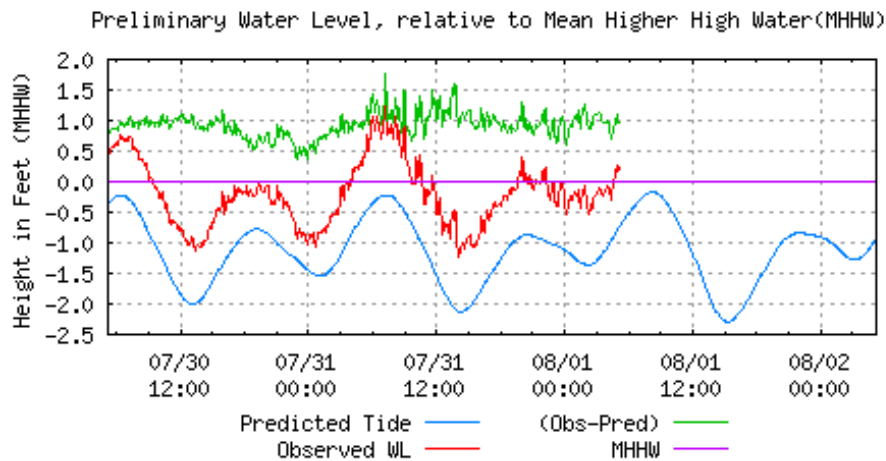
NOAA/NOS/CO-OPS 8722670 Lake Worth Pier, FL



Last Observed Sample: 08/01/2017 05:12 (EDT)

Wind Speed: 8 knots Gusts: 12 knots Direction: 246° T

NOAA/NOS/CO-OPS 8725110 Naples, FL



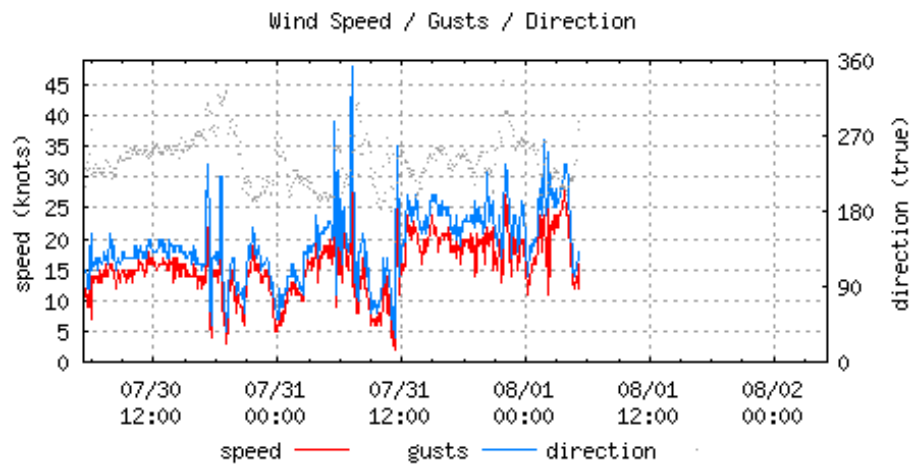
Last Observed Sample: 08/01/2017 05:12 (EDT). Data relative to MHHW

Observed: 0.24 ft. Predicted: -0.73 ft. Residual: 0.97 ft.

Historical Maximum Water Level: Dec 21 1972, 3.11 ft.

Next High Tide: 08/01/2017 08:15 (EDT), -0.17 ft.

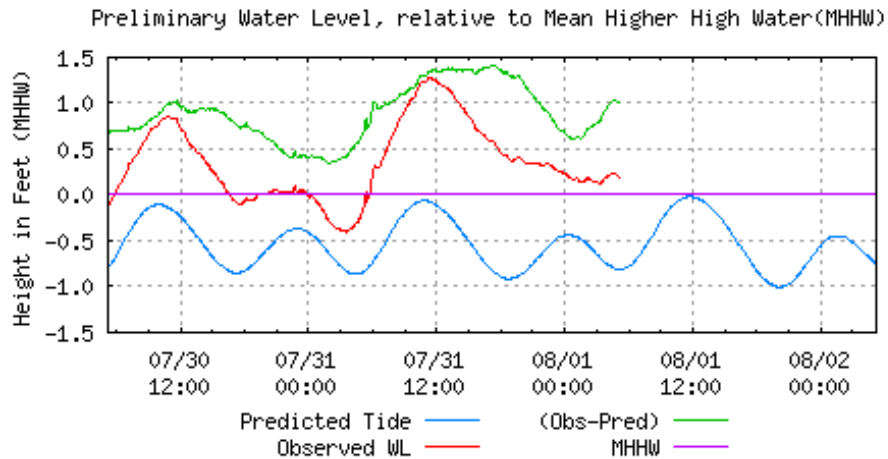
NOAA/NOS/CO-OPS 8725110 Naples, FL



Last Observed Sample: 08/01/2017 05:12 (EDT)

Wind Speed: 16 knots Gusts: 18 knots Direction: 287° T

NOAA/NOS/CO-OPS 8725520 Fort Myers, FL



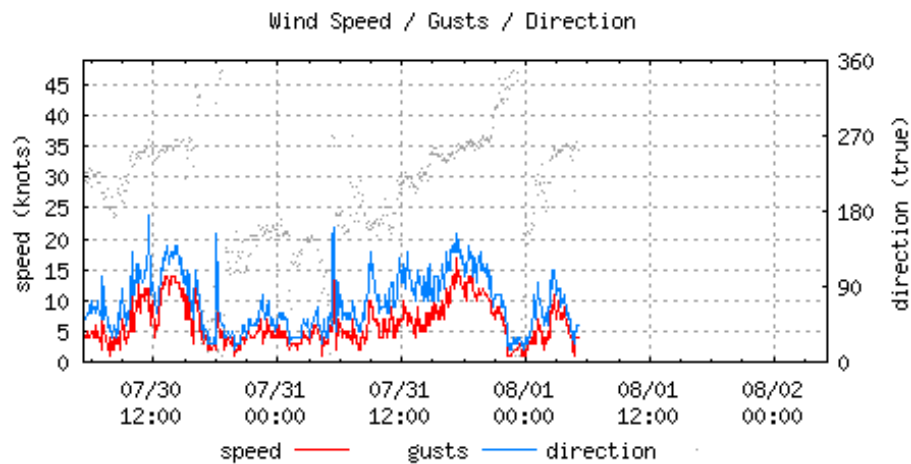
Last Observed Sample: 08/01/2017 05:12 (EDT). Data relative to MHHW

Observed: 0.19 ft. Predicted: -0.82 ft. Residual: 1.01 ft.

Historical Maximum Water Level: Nov 23 1988, 3.41 ft.

Next High Tide: 08/01/2017 11:43 (EDT), -0.02 ft.

NOAA/NOS/CO-OPS 8725520 Fort Myers, FL

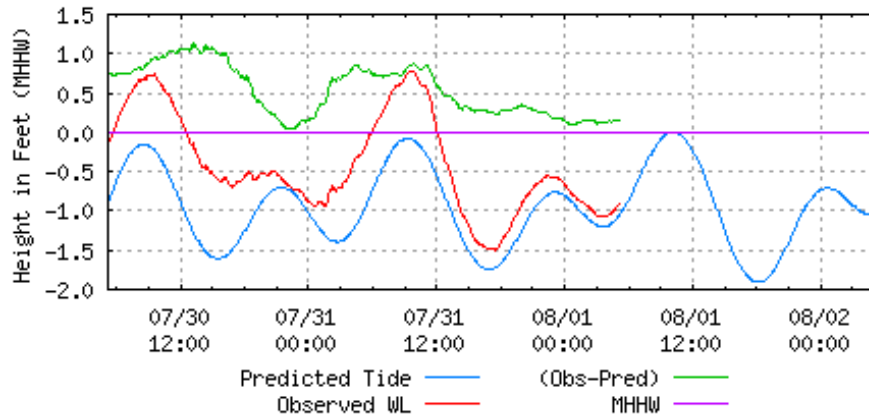


Last Observed Sample: 08/01/2017 05:12 (EDT)

Wind Speed: 4 knots Gusts: 6 knots Direction: 252° T

NOAA/NOS/CO-OPS 8726607 Old Port Tampa, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 08/01/2017 05:12 (EDT). Data relative to MHHW

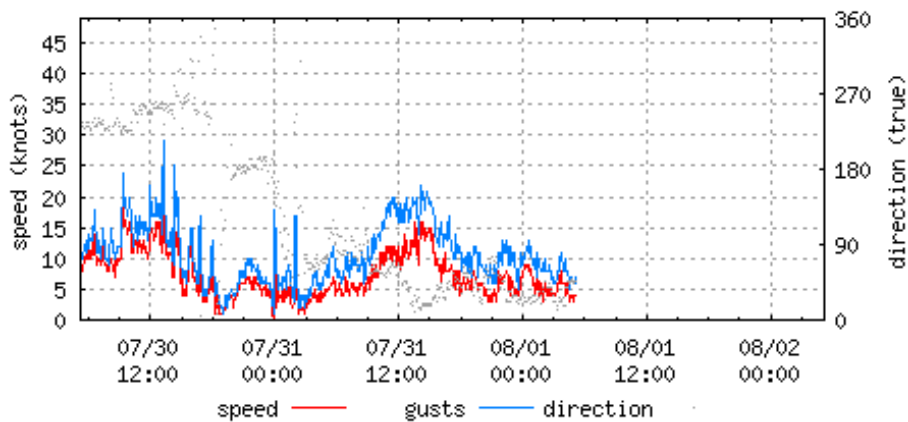
Observed: -0.90 ft. Predicted: -1.04 ft. Residual: 0.14 ft.

Historical Maximum Water Level: Oct 8 1996, 3.60 ft.

Next High Tide: 08/01/2017 10:10 (EDT), 0.00 ft.

NOAA/NOS/CO-OPS 8726607 Old Port Tampa, FL

Wind Speed / Gusts / Direction

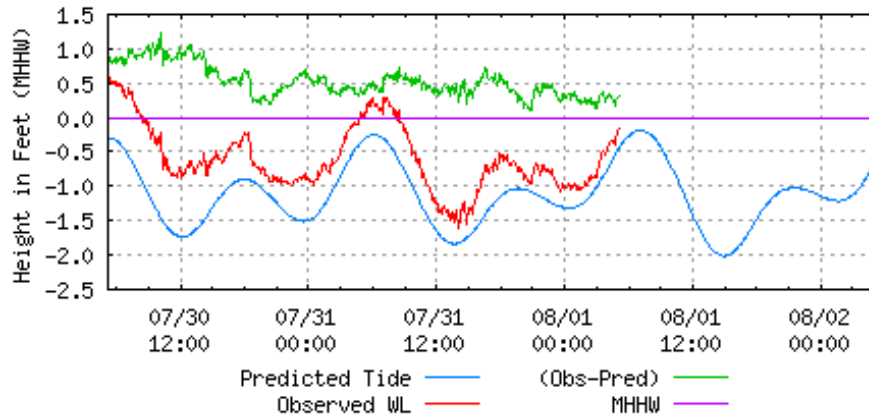


Last Observed Sample: 08/01/2017 05:12 (EDT)

Wind Speed: 4 knots Gusts: 7 knots Direction: 45° T

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 08/01/2017 05:06 (EDT). Data relative to MHHW

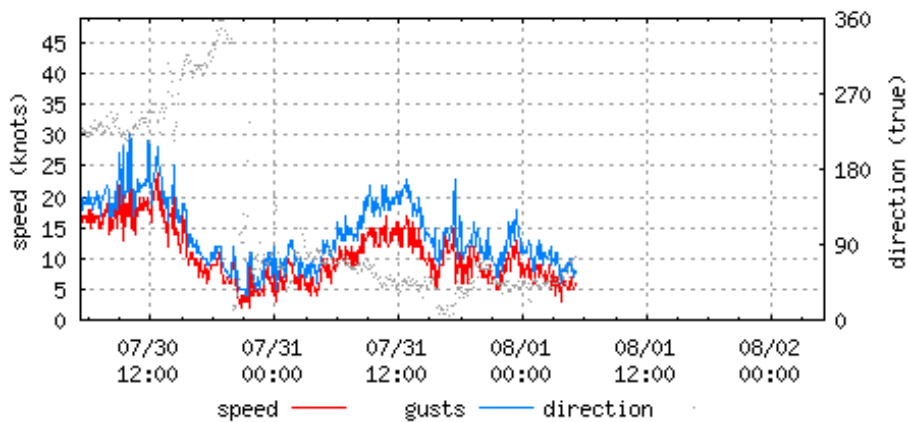
Observed: -0.15 ft. Predicted: -0.45 ft. Residual: 0.30 ft.

Historical Maximum Water Level: Mar 13 1993, 4.00 ft.

Next High Tide: 08/01/2017 07:05 (EDT), -0.19 ft.

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL

Wind Speed / Gusts / Direction



Last Observed Sample: 08/01/2017 05:06 (EDT)

Wind Speed: 6 knots Gusts: 8 knots Direction: 76° T

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8721604	Trident Pier, FL	08/01/2017 05:12 (EDT)	-0.74 ft	-1.49 ft	0.75 ft	0.46 ft
8720625	Racy Point, St Johns River, FL	08/01/2017 05:12 (EDT)	-0.08 ft	-1.10 ft	1.02 ft	0.80 ft
8720357	I-295 Bridge, St Johns River, FL	08/01/2017 05:12 (EDT)	0.78 ft	-0.28 ft	1.06 ft	0.84 ft
8720218	Mayport (Bar Pilots Dock), FL	08/01/2017 05:12 (EDT)	0.05 ft	-0.99 ft	1.04 ft	0.48 ft
8720030	Fernandina Beach, FL	08/01/2017 05:12 (EDT)	-0.24 ft	-1.48 ft	1.24 ft	0.34 ft
8722670	Lake Worth Pier, FL	08/01/2017 05:12 (EDT)	-0.62 ft	-1.00 ft	0.38 ft	0.08 ft
8725110	Naples, FL	08/01/2017 05:12 (EDT)	0.24 ft	-0.73 ft	0.97 ft	1.54 ft
8725520	Fort Myers, FL	08/01/2017 05:12 (EDT)	0.19 ft	-0.82 ft	1.01 ft	1.27 ft
8726607	Old Port Tampa, FL	08/01/2017 05:12 (EDT)	-0.90 ft	-1.04 ft	0.14 ft	0.78 ft
8726724	Clearwater Beach, FL	08/01/2017 05:06 (EDT)	-0.15 ft	-0.45 ft	0.30 ft	0.28 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce